

Title (en)

CANCER-TARGETING PEPTIDES AND USES THEREOF IN CANCER TREATMENT AND DIAGNOSIS

Title (de)

AUF KREBS ABGEZIELTE PEPTIDE UND IHRE VERWENDUNG IN DER KREBSBEHANDLUNG UND -DIAGNOSE

Title (fr)

PEPTIDES DE CIBLAGE DU CANCER ET LEURS UTILISATIONS DANS LE TRAITEMENT ET LE DIAGNOSTIC DU CANCER

Publication

EP 2632939 A4 20140514 (EN)

Application

EP 11838514 A 20111025

Priority

- US 45578110 P 20101025
- US 2011057637 W 20111025

Abstract (en)

[origin: WO2012061113A2] Cancer-targeting peptides having a PX1LX2 motif, in which X1 is His or an amino acid residue with a hydrophobic side chain and X2 is Pro, Phe, or Trp. Also disclosed herein are conjugates containing the cancer-targeting peptides and uses thereof in cancer treatment and diagnosis.

IPC 8 full level

A61K 38/07 (2006.01); **A61K 38/10** (2006.01); **A61K 49/14** (2006.01); **A61P 35/00** (2006.01); **C07K 5/10** (2006.01); **C07K 7/08** (2006.01); **G16B 15/30** (2019.01)

CPC (source: EP US)

A61K 9/127 (2013.01 - US); **A61K 31/337** (2013.01 - EP US); **A61K 31/475** (2013.01 - EP US); **A61K 31/496** (2013.01 - EP US); **A61K 31/704** (2013.01 - EP US); **A61K 38/10** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61K 47/6911** (2017.07 - EP US); **A61K 49/0043** (2013.01 - EP US); **A61K 49/0056** (2013.01 - EP US); **A61K 51/1234** (2013.01 - EP US); **A61P 35/00** (2017.12 - EP); **C07K 5/1024** (2013.01 - EP US); **C07K 7/08** (2013.01 - EP US); **G16B 15/00** (2019.01 - EP US); **G16B 15/30** (2019.01 - EP US); **A61K 9/1271** (2013.01 - EP US); **G01N 2333/47** (2013.01 - EP US); **G01N 2500/04** (2013.01 - EP US)

Citation (search report)

- [A] WO 2008073162 A2 20080619 - CELL SIGNALING TECHNOLOGY INC [US], et al
- [A] WO 2004071457 A2 20040826 - MOJAVE THERAPEUTICS INC [US], et al
- [A] US 7238665 B2 20070703 - WU HAN-CHUNG [TW], et al
- [A] HOLMES D I R ET AL: "Cloning and Characterization of ZNF236, a Glucose-Regulated Kruppel-like Zinc-Finger Gene Mapping to Human Chromosome 18q22-q23", GENOMICS, ACADEMIC PRESS, SAN DIEGO, US, vol. 60, no. 1, 15 August 1999 (1999-08-15), pages 105 - 109, XP004444841, ISSN: 0888-7543, DOI: 10.1006/GENO.1999.5897
- [A] ANONYMOUS: "Hydrophobicity scales - Wikipedia, the free encyclopedia", 18 October 2010 (2010-10-18), XP055110311, Retrieved from the Internet <URL:http://en.wikipedia.org/w/index.php?title=Hydrophobicity_scales&oldid=379518995> [retrieved on 20140327]
- See references of WO 2012061113A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012061113 A2 20120510; WO 2012061113 A3 20120621; CN 103328496 A 20130925; EP 2632939 A2 20130904; EP 2632939 A4 20140514; US 2013142867 A1 20130606; US 2014371079 A1 20141218; US 8846623 B2 20140930

DOCDB simple family (application)

US 2011057637 W 20111025; CN 201180051386 A 20111025; EP 11838514 A 20111025; US 201113816613 A 20111025; US 201414458935 A 20140813